

FIG.1 PRIOR ART
GPRS NETWORK ARCHITECTURE

GPRS NETWORK ARCHITECTURE

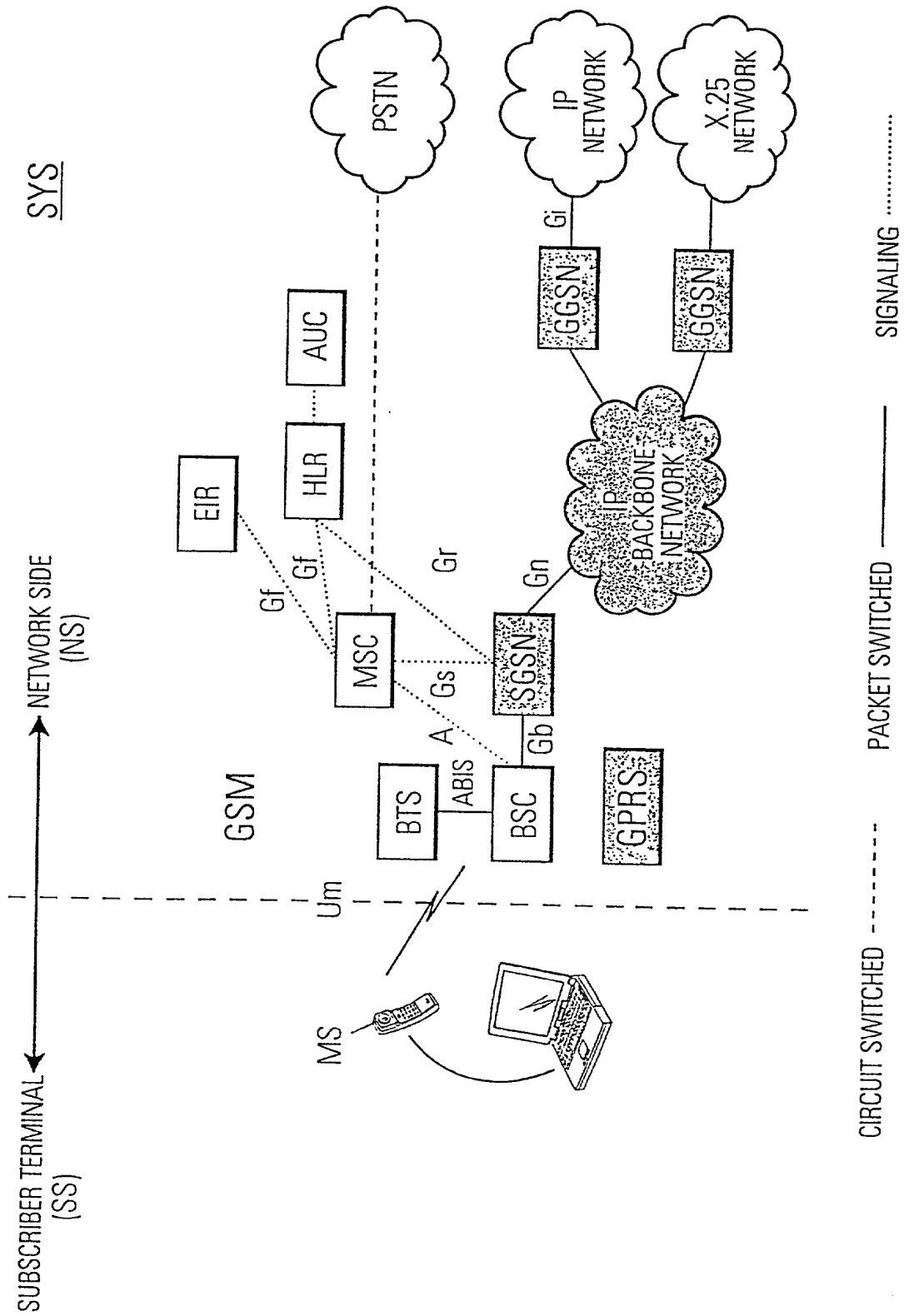


FIG.2 PRIOR ART
GPRS PROTOCOL STRUCTURE

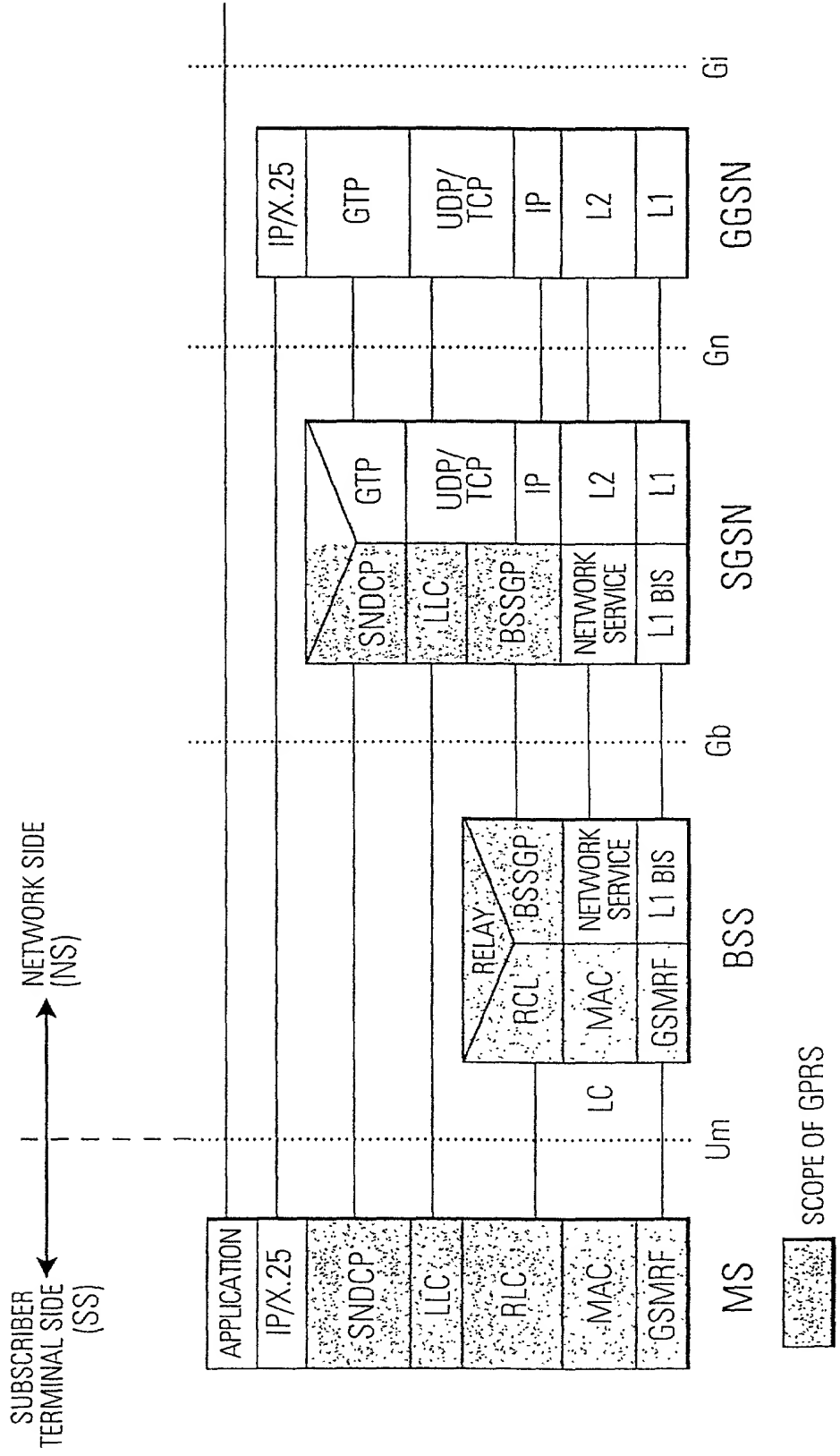


FIG. 4a PRIOR ART
SCHEMATIC EXAMPLE OF TBF HANDLING PROBLEM

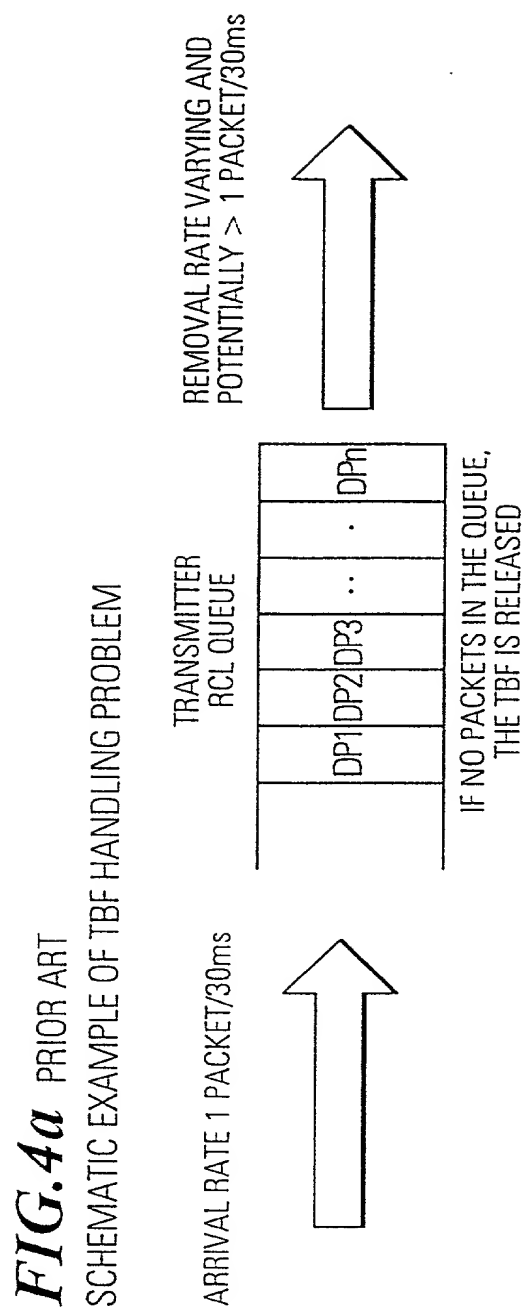


FIG. 3 PRIOR ART

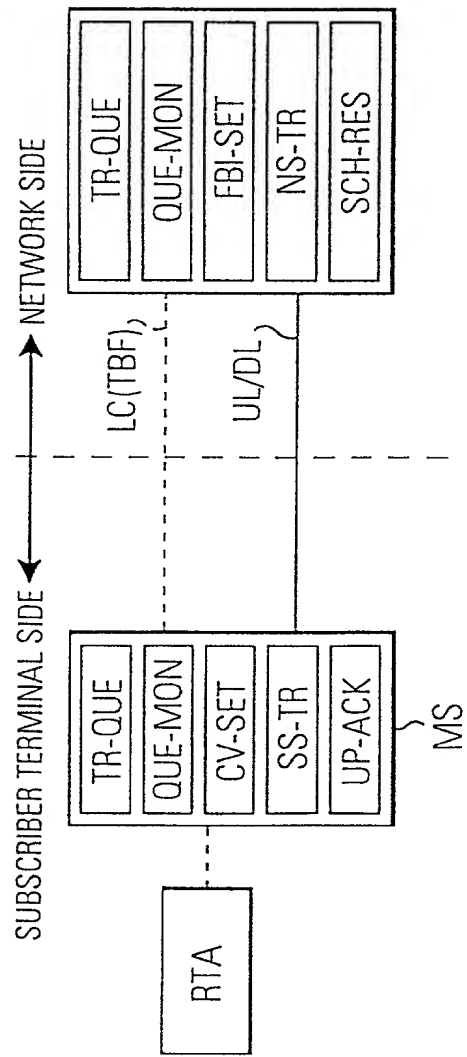


FIG. 4b PRIOR ART
G.723.1 TYPICAL TRAFFIC SHAPE

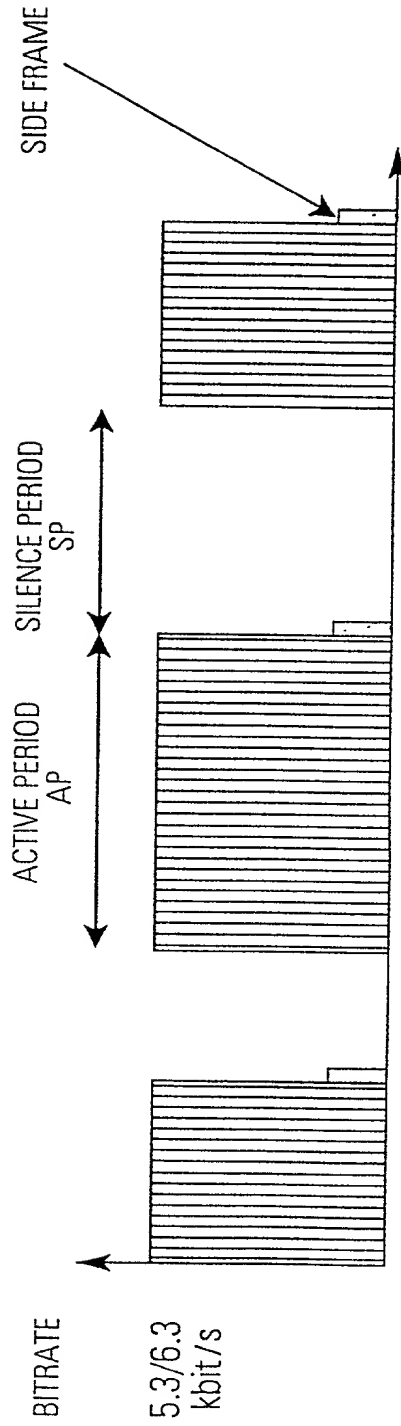


FIG.4c PRIOR ART

NORMAL RESOURCE ASSIGNMENT RESULTING INTO UNNECESSARY TBF RELEASE

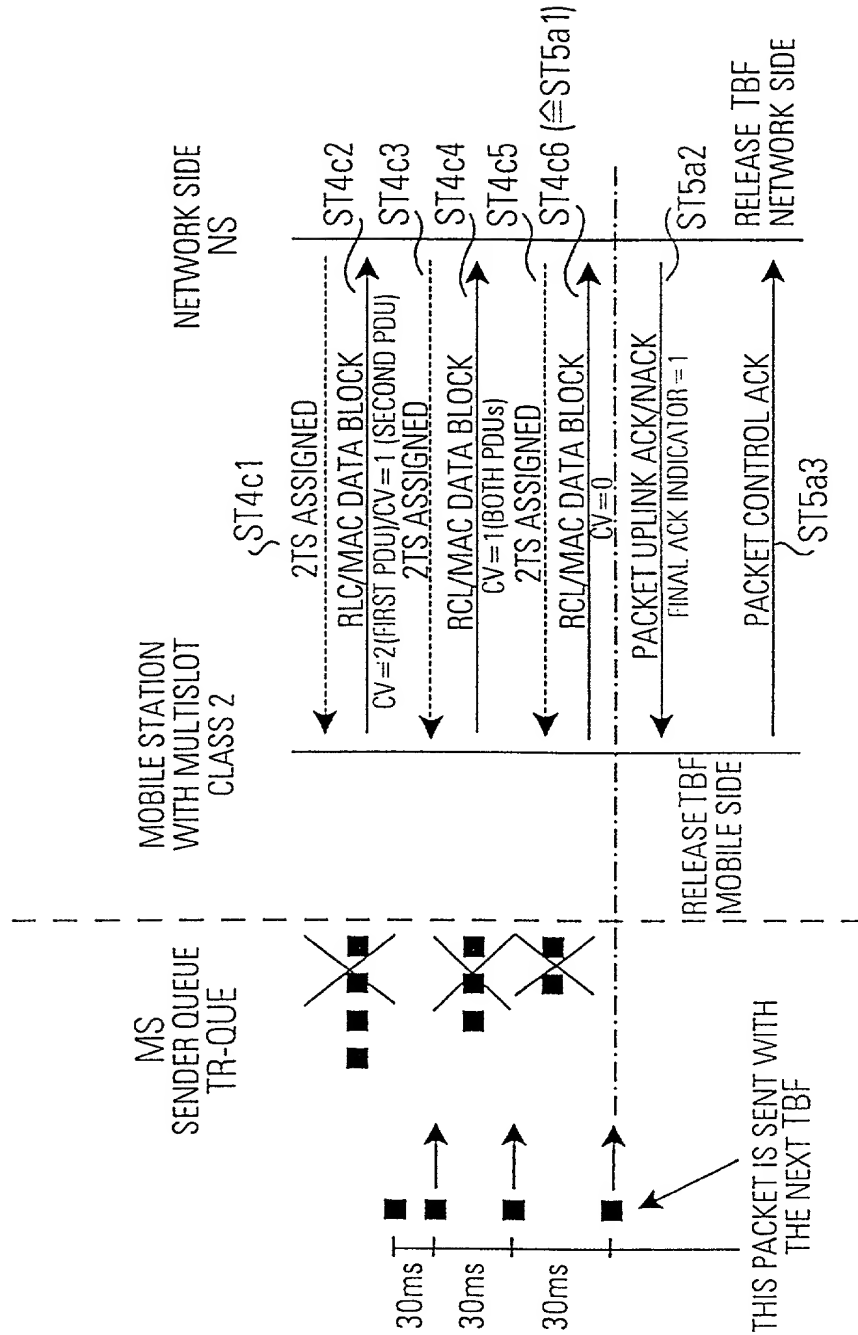


FIG.5a
PRIOR ART
RELEASE OF AN UPLINK TBF

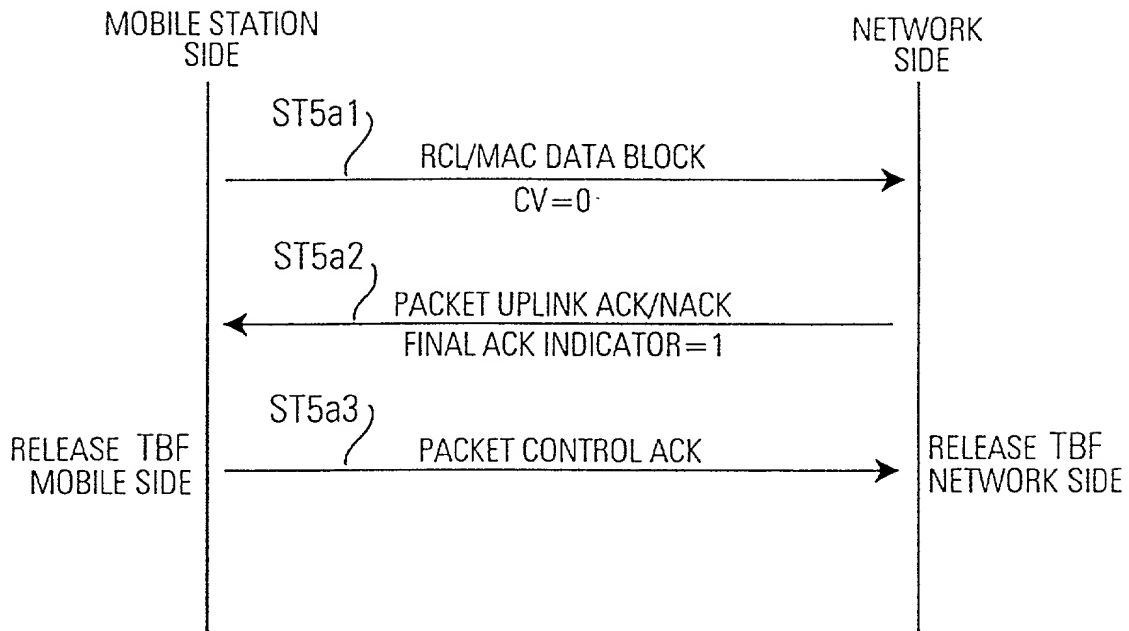


FIG. 5b
PRIOR ART
RELEASE OF A DOWNLINK TBF

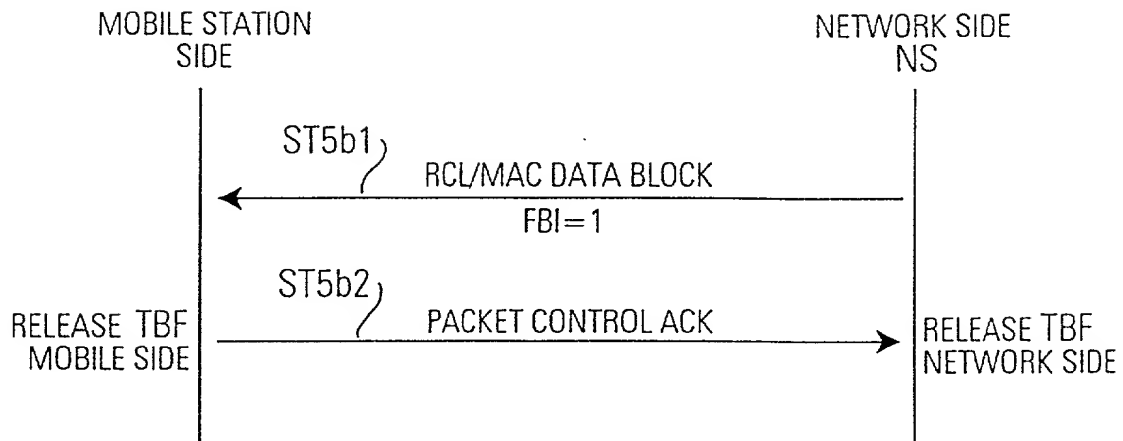


FIG. 6

TYPICAL DELAY IMPROVEMENTS GAINED BY UTILISING THE DELAYED TBF RELEASE SCHEME- SIMULATIVE RESULTS

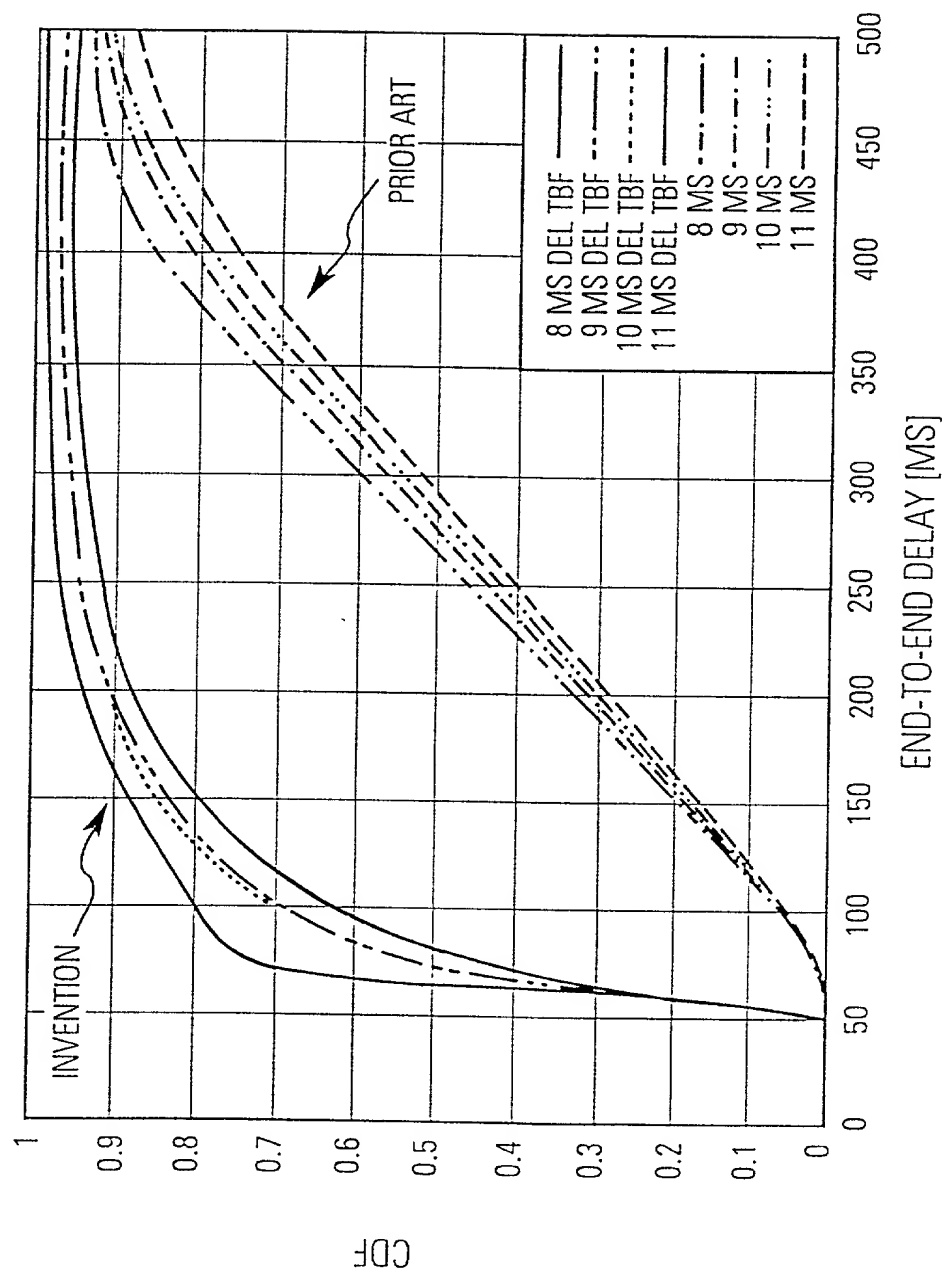


FIG. 7

PRINCIPLE OF THE INVENTION

SYS

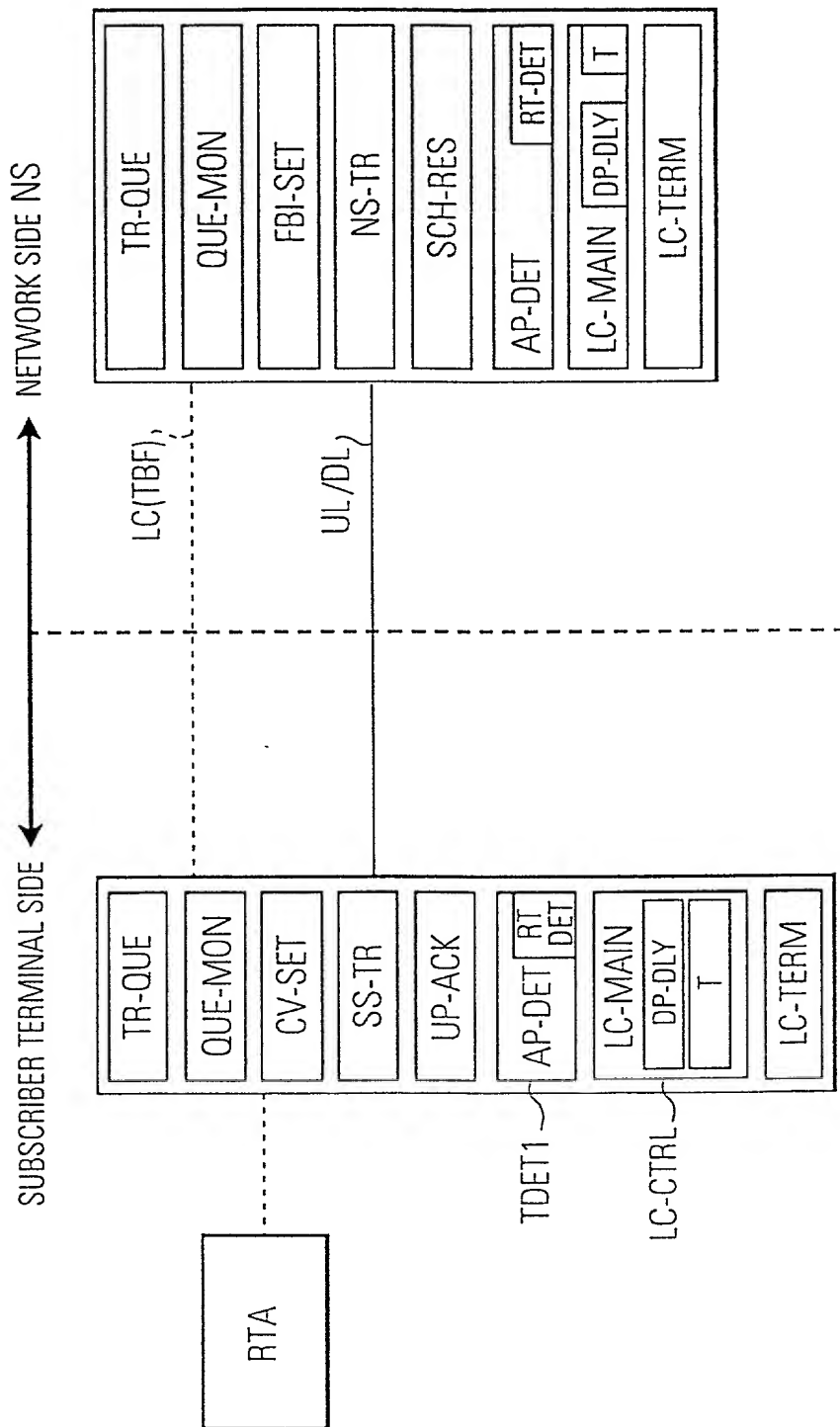


FIG.8

PRINCIPLE OF THE INVENTION

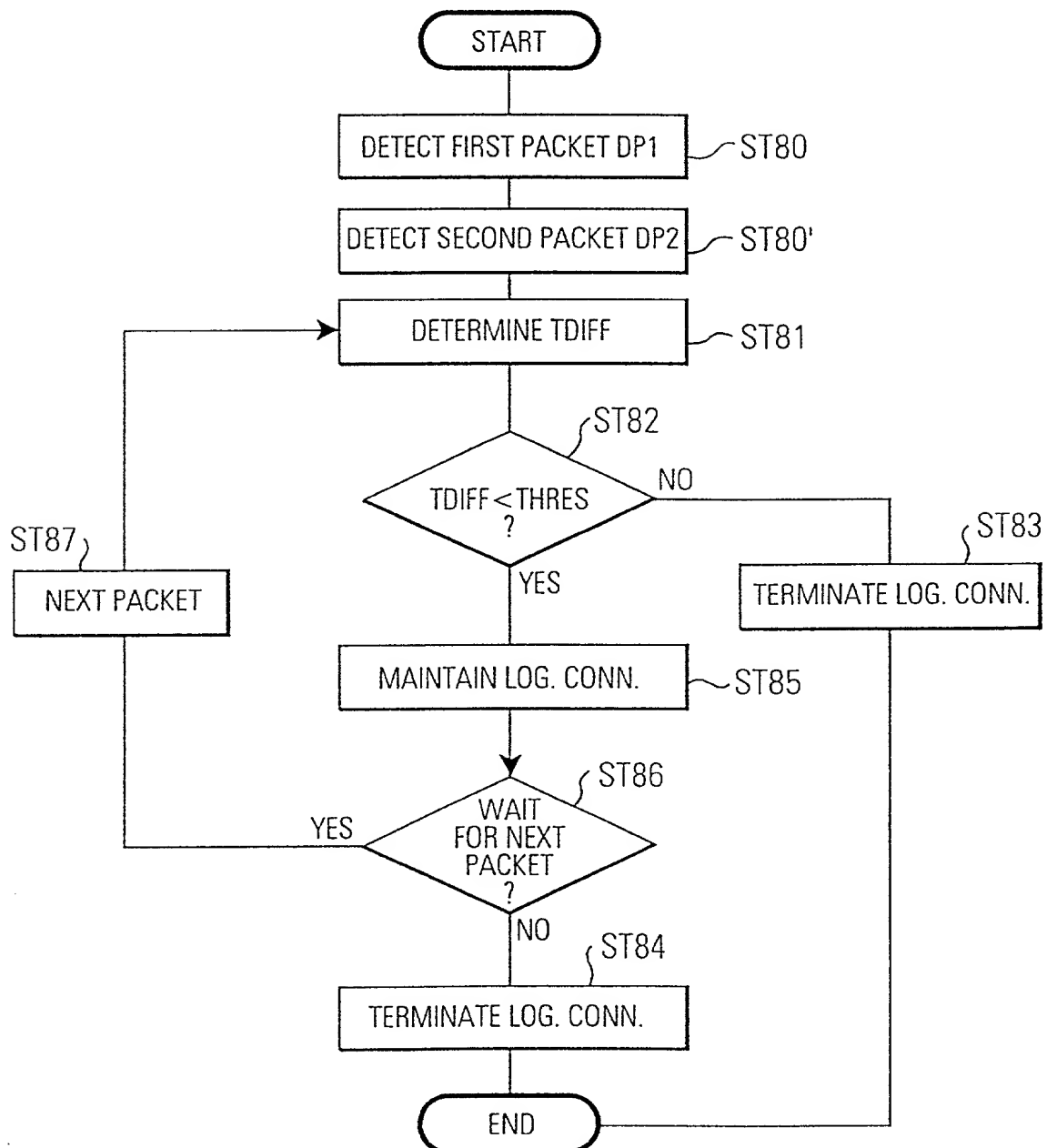


FIG.9
 DELAYED TBF RELEASE (UPLINK)

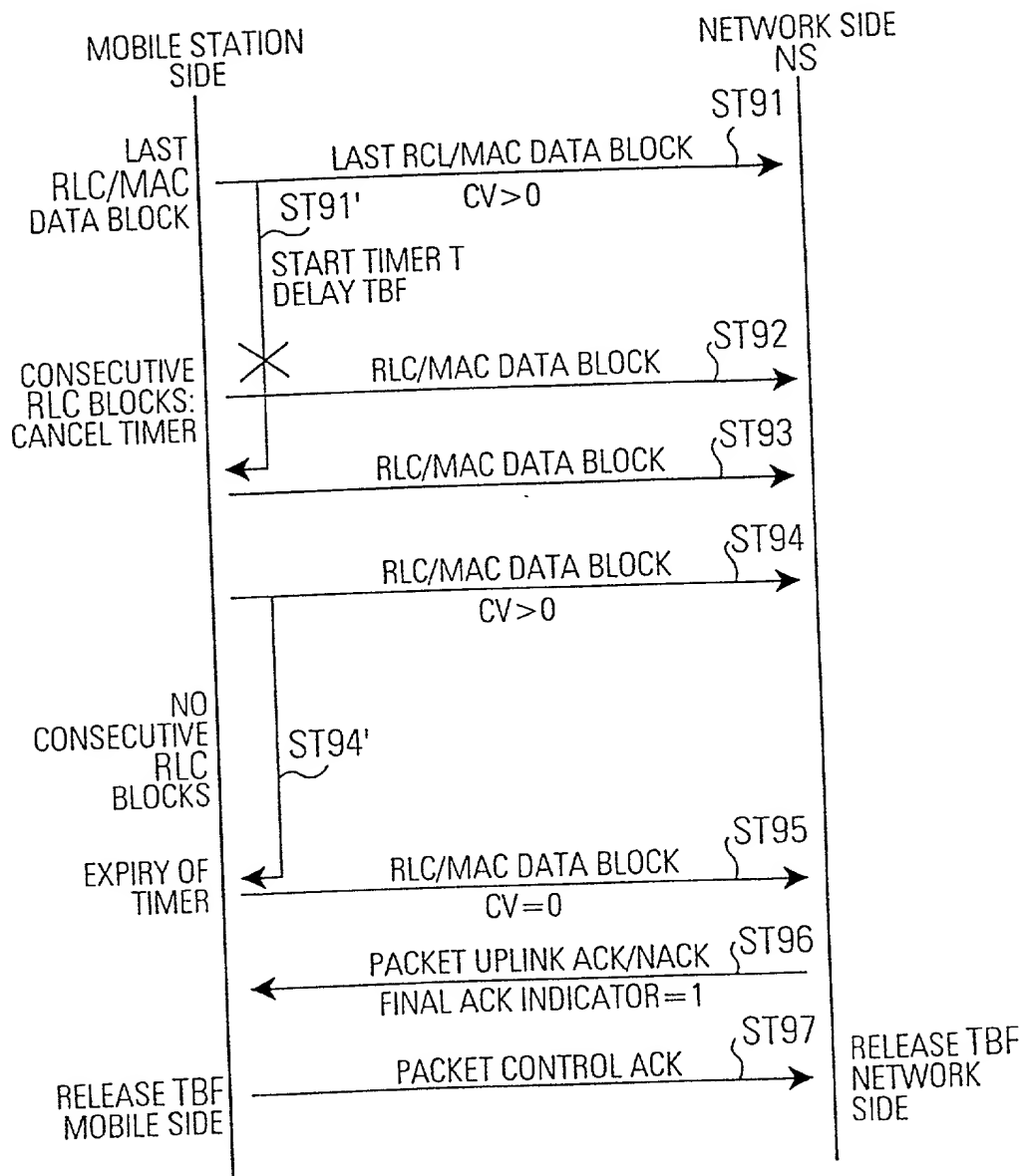


FIG.10

DELAYED TBF RELEASE (DOWNLINK)

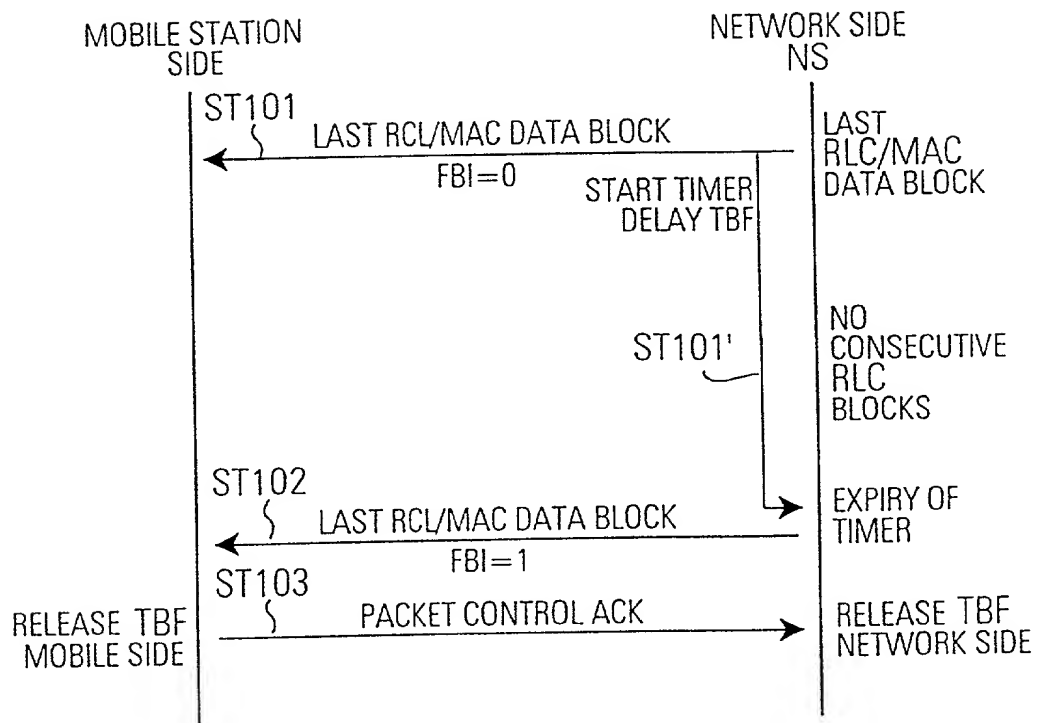


FIG.11

TBF TERMINATION BY UTILISING (E)GPRS SIGNALLING
MESSAGES (DOWNLINK)

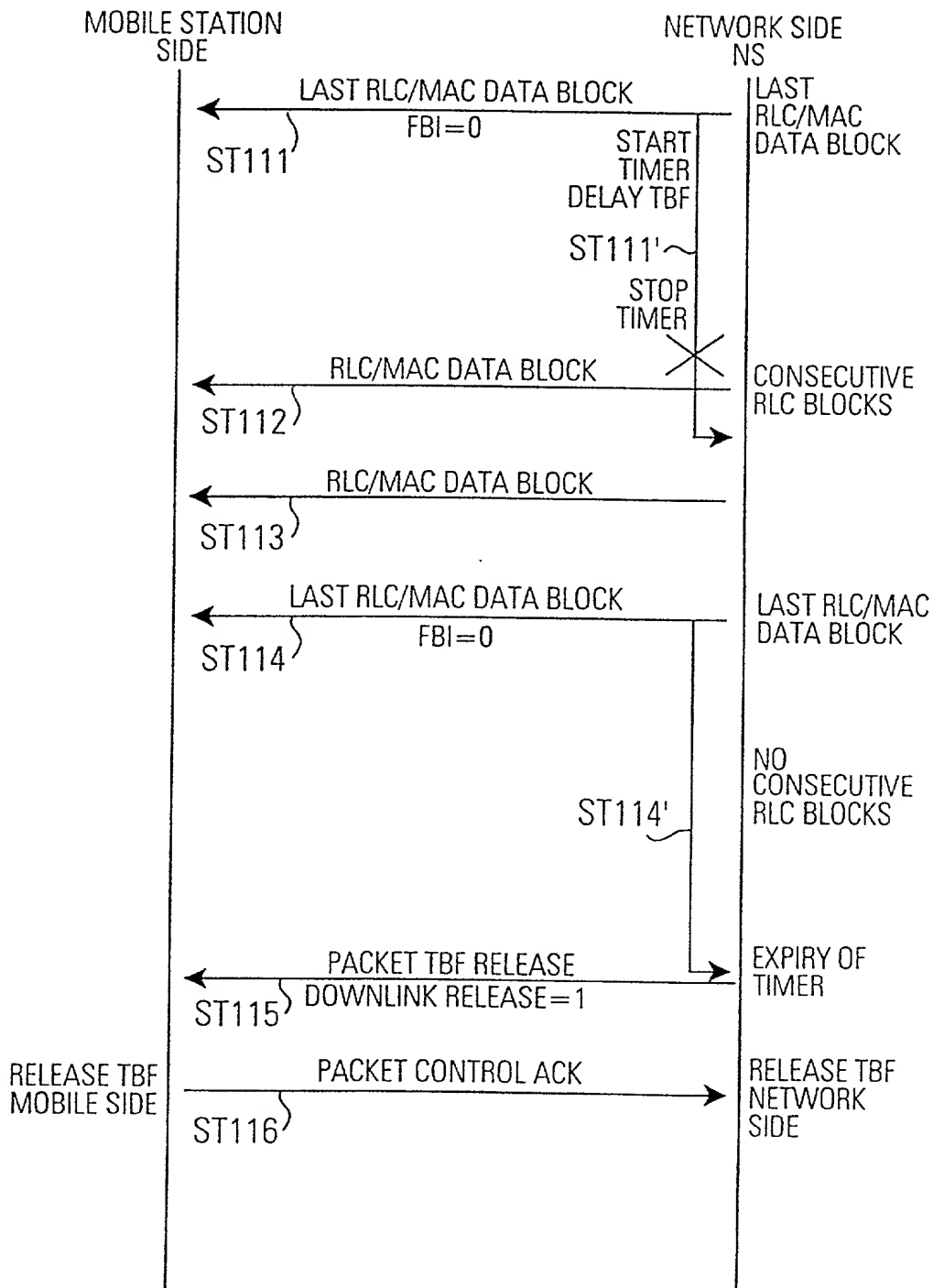


FIG.12

